



Name: _____

Topic 1: Falling Ball Analysis

Data Collection and Processing (DCP) – IBO Score _____

	C	P	N	ISB
Recording raw data	Records appropriate quantitative and associated qualitative raw data, including units and uncertainties.	Records appropriate quantitative and associated qualitative raw data, but with some mistakes or omissions.	Does not record any appropriate quantitative raw data or raw data is incomprehensible.	
Processing raw data	Processes the quantitative raw data correctly.	Processes quantitative raw data, but with some mistakes and/or omissions.	No processing of quantitative raw data is carried out or major mistakes are made in processing.	
Presenting processed data	Presents processed data appropriately and where relevant, includes uncertainties.	Presents processed data appropriately, but with some mistakes and/or omissions.	Presents processed data inappropriately or incomprehensibly.	
Comments: <ul style="list-style-type: none">€ relevant qualitative data should have been included€ significant digits in the data must be consistent with the uncertainty€ there should be no variation in the precision of raw data€ it is difficult to determine if calculations have been done correctly because presentation is poor€ clearly distinguish between raw and processed data when presenting in the same table€ an uncertainty in a calculated result must be determined by error propagation, max/min slope lines or a justified estimate€ when uncertainties are not significant, this must be stated with an explanation€ quality of overall presentation can be improved				

Deductions: Lateness: 1 DAY -10%, 2 DAYS -20%, 3 DAYS -30%, No rubric: -1	
ISB Grade (maximum 30)	

I pledge that this work is my own and that I have abided by school policy regarding academic honesty outlined in the High School Student Handbook.

Student Signature and Date